EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	30	(US-20030055640-$ or US-20060074824-$ or US-20040049514-$ or US-20040006574-$).did. or (US-5832182-$ or US-7194483-$ or US-7246125-$ or US-7076502-$ or US-7283971-$ or US-7139703-$ or US-5708774-$ or US-5901246-$ or US-6745184-$ or US-5136686-$ or US-5568590-$ or US-5581657-$ or US-7711662-$ or US-5930780-$ or US-6182245-$ or US-6711607-$ or US-6782515-$ or US-6918098-$ or US-7395250-$ or US-5806061-$ or US-7167856-$ or US-7206778-$ or US-7444308-$ or US-7171427-$ or US-6829695-$ or US-6334123-$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/21 17:07
L2	2	1 and query and database and bitmap and indexing and selection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:08
L3	0	1 and range and bitmap and indexing and selection not 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:09
L4	870	(selecting near3 algorithm) and profiling metrics and recompil$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:13
L5	116	4 and range and indexing and selection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:14

EAST Search History (Prior Art)

L6	1	5 and "717"/$.ccls. and @rlad<"20030708"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:14
L7	16	5 and "717"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:15
L8	8	1 and range and indexing and selection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/21 17:25
S1	179	(threshold hit miss) same ((count number) and ((boolean "AND" "OR") near5 expression))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/16 16:09
S2	193	threshold same ((hit miss)(count number)) same (performance and dimension)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/16 16:11
S3	1	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/16 16:11
S4	0	"break-even point" same algorithm same (dimension with variable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/16 17:11

S5	0	"break-even" same ((dimension with variable) and threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/16 17:11
S6	2	"6381564".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 12:41
S7	8	("7653452" "7725900" "7730053" "7752628").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 12:48
S8	2	S7 and threshold.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 12:50
S9	9	Sauermann.in. and threshold.clm. and (balanc$4 distribut$4 reassign$4 ((range dimension size) same (measur$4 comput$4))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 12:52
S10	15053	((re-adopt$4 adopt$3 choos$4 select$4 tuning adapt$4) near5 (task procedure algorithm method)) same ((associated based according dependen$4 function) same (profile performance operational (metrics value)) same (vector range threshold maximum minimum buffer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:31
S11	32894	(re-adopt$4 adopt$3 choos$4 select$4 tuning adapt$4) same ((associated based according dependen$4 function) same ((profile performance operational measured collected current) with (metrics value)) same (vector range threshold maximum minimum buffer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:33

S12	835	S10 and S11 and (performance with (profile metrics measurement range value threshold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:35
S13	834	(re-adopt$4 adopt$3 choos$4 select$4 tuning adapt$4 finetun$3 tuned (determin$4 near5 "the best")) with (software process procedure method heuristic algorithm) and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:37
S14	297	S13 and (compar$4 with ((range limit value interval) and (min max threshold maximum minimum)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:39
S15	89	S14 and (metrics parameter profile (degree near complexity)) near6 (task algorithm operation query filtering)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:41
S16	0	S15 and (data resource DB) near8 (fetch read retriev$3 find$4 search$4) same ((operation database DB relational record) near4 (boolean expression query))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:45
S17	147873	(query DB with request) and ((data resource DB) near8 (fetch read retriev$3 find$4 search$4)) ((operation database DB relational record) near4 (boolean expression query))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:46
S18	8060	(query DB with request) and (((data resource DB) near8 (fetch read retriev$3 find$4 search$4)) and complexity and ((operation database DB relational record) near4 (boolean expression query)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:47

S19	17	S18 and (S14 S13 S15)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:47
S20	16	S19 not Sauermann.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:48
S21	402	(obtain$4 comput$4 generat$4 deriv$3 select$4 determin$4 find$3) near5 "best" with ((complexity query search) near4 (heuristic algorithm))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:51
S22	96	S21 and (S17 S18 S12)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 15:52
S23	2	S22 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:15
S24	65	("best" near4 (search complexity) near4 (heuristic algorithm)) and ((structured database boolean operation) near6 (expression query))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:22
S25	65	S24 and (S10 S13 S17 S18)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:23

EAST Search History (Prior Art)

S26	21	S25 and (threshold with ("below" "above") with (determin$3 select$3 compar$3 match$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:26
S27	87	("5832182").URPN.	USPAT	OR	OFF	2010/11/17 16:34
S28	1	"7194483".pn.	USPAT	OR	OFF	2010/11/17 16:38
S29	1	S28 and (("best" near4 (search complexity) near4 (heuristic algorithm)) ((structured database boolean operation) near6 (expression query)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:39
S30	35	S27 and (("best" near4 (search complexity) near4 (heuristic algorithm)) ((structured database boolean operation) near6 (expression query)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:39
S31	9	S30 and ((threshold reference floor ceiling min max) with ("below" "above") with (determin$3 select$3 compar$3 match$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:41
S32	3	"best algorithm" same ((query search) near5 (engine heuristic)) and (partition$4 divid$3 separat$3 balanc$3) with (space range cluster vector interval dimension group portion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:49
S33	1	("best algorithm" same (query search)) and ((iterative incremental finetun$3 tuning) same (partition$4 divid$3 separat$3 balanc$3) same (space range cluster vector interval dimension group portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:51
S34	0	("best algorithm" same (query search)) same ((iterative incremental finetun$3 tuning) and (partition$4 divid$3 separat$3 balanc$3) same (space range cluster vector interval dimension group portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:51

EAST Search History (Prior Art)

S35	2	"best algorithm" and ((query search ((database DB record) with (match retriev$4)))) same ((iterative incremental finetun$3 tuning) and (partition$4 divid$3 separat$3 balanc$3) same (space range cluster vector interval dimension group portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:53
S36	7	"best algorithm" and ((query search ((database DB record) with (match retriev$4)))) same ((iterative incremental fine-tun$3 tuning) and (partition$4 divid$3 separat$3 balanc$3) same (space range cluster vector interval dimension group portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:53
S37	41	"best algorithm" and ((query search ((database DB record) with (match retriev$4)))) same ((iterative incremental fine-tun$3 tuning select$4) and (partition$4 divid$3 separat$3 balanc$3) same (space range cluster vector interval dimension group portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:53
S38	2	"7283971".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:55
S39	25	(parameter near5 training) and ("best" near3 algorithm) and ((range threshold cluster$4 partition group "candidate set") same (match$4 hit suit$4 compar$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 16:58
S40	8	("2003/0055640").URPN.	USPAT	OR	OFF	2010/11/17 17:00
S41	0	"best algorithm" and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:01
S42	0	"best heuristic" and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:01

S43	9	("20020059154" | "20020077756" | "20020178132" | "20020184569" | "20030002690" | "20030004906" | "5708774" | "5832466" | "6177249").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/17 17:04
S44	56	("5708774").URPN.	USPAT	OR	OFF	2010/11/17 17:06
S45	193	(training NEAR3 set) and (find$3 tuning determin$3) near4 ("best" with (heuristic search algorithm complexity))	USPAT	OR	OFF	2010/11/17 17:10
S46	61	S45 and (S14 S13 S18 S17 S21)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:11
S47	53	S46 and (search query) near8 (heuristic operation algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:12
S48	221	(training NEAR3 set) and (find$3 tuning determin$3) near4 ("best" with (heuristic search algorithm complexity solution))	USPAT	OR	OFF	2010/11/17 17:13
S49	66	S48 and (S14 S13 S18 S17 S21)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:13
S50	12	S49 and ((threshold reference floor ceiling min max) with ("below" "above") with (determin$3 select$3 compar$3 match$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:14

S51	64	("20020156773" | "20030055614" | "20030088458" | "20040133355" | "4796194" | "5136686" | "5195172" | "5233513" | "5428712" | "5568590" | "5581657" | "5617510" | "5708774" | "5737581" | "5761381" | "5761494" | "5793931" | "5809489" | "5858462" | "5864633" | "5867397" | "5890133" | "5890146" | "5897629" | "5930780" | "5963447" | "5963939" | "5970487" | "5987457" | "6029139" | "6055523" | "6098059" | "6125351" | "6253200" | "6321205" | "6327582" | "6336110" | "6408263" | "6411373" | "6424358" | "6430545" | "6434435" | "6434542" | "6449761" | "6480832" | "6513024" | "6523016" | "6571282" | "6576919" | "6745184" | "6760335" | "6895405" | "6912587" | "6928434" | "6934405" | "6950270" | "6950712" | "6957200" | "6996560" | "7000700" | "7003504" | "7070647" | "7117202" | "7190116").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/17 17:18
S52	35	(US-7299451-$ or US-7272752-$ or US-7263634-$ or US-7260750-$ or US-7260744-$ or US-7246291-$ or US-7219354-$ or US-7213122-$ or US-7165240-$ or US-7143024-$ or US-7089534-$ or US-7065676-$ or US-7055065-$ or US-6985937-$ or US-6976258-$ or US-6973643-$ or US-6973560-$ or US-6948003-$ or US-6918098-$ or US-6909691-$ or US-6907421-$ or US-6889158-$ or US-6880109-$ or US-6782515-$ or US-6754716-$ or US-6741973-$).did. or (US-6732211-$ or US-6711607-$ or US-6625760-$ or US-6560613-$ or US-6529985-$ or US-6393490-$ or US-6353897-$ or US-6282527-$ or US-6192512-$).did.	USPAT	OR	OFF	2010/11/17 17:25
S53	0	("best" near4 (search complexity) near4 (heuristic algorithm solution)) and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:26
S54	2	("best" near4 (search complexity heuristic algorithm solution)) and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/17 17:26

S55	35	(US-7299451-$ or US-7272752-$ or US-7263634-$ or US-7260750-$ or US-7260744-$ or US-7246291-$ or US-7219354-$ or US-7213122-$ or US-7165240-$ or US-7143024-$ or US-7089534-$ or US-7065676-$ or US-7055065-$ or US-6985937-$ or US-6976258-$ or US-6973643-$ or US-6973560-$ or US-6948003-$ or US-6918098-$ or US-6909691-$ or US-6907421-$ or US-6889158-$ or US-6880109-$ or US-6782515-$ or US-6754716-$ or US-6741973-$).did. or (US-6732211-$ or US-6711607-$ or US-6625760-$ or US-6560613-$ or US-6529985-$ or US-6393490-$ or US-6353897-$ or US-6282527-$ or US-6192512-$).did.	USPAT	OR	OFF	2010/11/18 08:23
S56	35	(US-7299451-$ or US-7272752-$ or US-7263634-$ or US-7260750-$ or US-7260744-$ or US-7246291-$ or US-7219354-$ or US-7213122-$ or US-7165240-$ or US-7143024-$ or US-7089534-$ or US-7065676-$ or US-7055065-$ or US-6985937-$ or US-6976258-$ or US-6973643-$ or US-6973560-$ or US-6948003-$ or US-6918098-$ or US-6909691-$ or US-6907421-$ or US-6889158-$ or US-6880109-$ or US-6782515-$ or US-6754716-$ or US-6741973-$).did. or (US-6732211-$ or US-6711607-$ or US-6625760-$ or US-6560613-$ or US-6529985-$ or US-6393490-$ or US-6353897-$ or US-6282527-$ or US-6192512-$).did.	USPAT	OR	OFF	2010/11/18 10:59
S57	17	S56 and (training test) near4 (test data set)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 10:59
S58	2	S57 and (range threshold criteria) and ("best" near4 (heuristic method algorithm solution configuration))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:01

S59	20	(US-20030055640-$ or US-20040133355-$).did. or (US-5832182-$ or US-7194483-$ or US-7246125-$ or US-7076502-$ or US-7283971-$ or US-7139703-$ or US-5708774-$ or US-5901246-$ or US-6745184-$ or US-5136686-$ or US-5568590-$ or US-5581657-$ or US-7711662-$ or US-5930780-$ or US-6182245-$ or US-6711607-$ or US-6782515-$ or US-6918098-$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/18 11:03
S60	11	S59 and (("best" "most") near6 (algorithm solution heuristic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:04
S61	7	S60 and (data search query) near5 (retriev$4 heuristic algorithm$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:05
S62	174	((range size dimension cluster threshold criteria (accepta$4 near3 level) same (select$4 adapt$4 reconfigur$4 resubmit$4 retest)) and ((training fitness) near6 (set value)) and (search near4 heuristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:11
S63	20	("best" near4 (search complexity) near4 (heuristic algorithm solution)) and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:12
S64	45	(search near4 query).ab. and genetic and ((range threshold dimension) same (algorithm set neighbor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:29
S65	1	("7363296").URPN.	USPAT	OR	OFF	2010/11/18 11:31

S66	32	("20020123988" | "20020133481" | "20030212699" | "20040002973" | "20040010497" | "20040049514" | "20040199419" | "20050149504" | "20050210042" | "20050234904" | "4417321" | "6070158" | "6178419" | "6334131" | "6526440" | "6529903" | "6606620" | "6615209" | "6658423" | "6678681" | "6701314" | "6714929" | "6725259" | "6728932" | "6757667" | "6785671" | "6810395" | "6944609" | "7003513" | "7010527" | "7219090" | "7219099").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 11:32
S67	835	(range near3 query) and algorithm	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 11:47
S68	7	("best" near4 (search complexity fit) near4 (heuristic algorithm solution path)) and S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:47
S69	14	("best" near4 (search complexity fit) same (heuristic algorithm solution path)) and S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:52
S70	7	S69 not S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 11:52
S71	973	(bitmap indices array one-dimensional) and (multi-dimensional same algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:12
S72	245	S71 and (("best" "most") near6 (algorithm solution heuristic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:13

EAST Search History (Prior Art)

S73	81	((range size dimension cluster threshold criteria (accepta$4 near3 level)) same (select$4 adapt$4 reconfigur$4 resubmit$4 retest)) and ((training fitness dimension) near6 (set value union intersect aggregate)) and (search query same range) and S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:15
S74	56	(US-20060167784-$ or US-20060101017-$ or US-20060064415-$ or US-20060059028-$ or US-20050050087-$ or US-20050049990-$ or US-20040225629-$ or US-20040044662-$ or US-20030187697-$ or US-20030187696-$ or US-20030088401-$ or US-20030004938-$ or US-20020194159-$ or US-20020103793-$ or US-20020008657-$ or US-20010042004-$ or US-20050246314-$ or US-20090271342-$ or US-20090313041-$ or US-20100235285-$).did. or (US-7805388-$ or US-7693335-$ or US-7676442-$ or US-7630910-$ or US-7624074-$ or US-7617163-$ or US-7590589-$ or US-7565370-$ or US-7542947-$ or US-7475048-$ or US-7444308-$ or US-7426499-$ or US-7318051-$ or US-7167856-$ or US-7124075-$ or US-7120623-$ or US-7117187-$ or US-6973459-$ or US-6858007-$ or US-6760724-$ or US-6675164-$ or US-6571227-$ or US-6453246-$ or US-6404380-$ or US-6341130-$ or US-6161209-$).did. or (US-6148274-$ or US-6117180-$ or US-6064819-$ or US-6004015-$ or US-5959574-$ or US-5537119-$ or US-5499030-$ or US-7401057-$ or US-7490071-$ or US-7730063-$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/18 12:17
S75	33	S74 and (search query) near5 (range multidimension$4 algorithm heuristic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:18
S76	2	(range near4 search) and divide-and-conquer and (database aggregate and query) and (multi-dimension$4 multidimension$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:25

EAST Search History (Prior Art)

S77	25	(US-20030055640-$ or US-20060074824-$ or US-20040049514-$).did. or (US-5832182-$ or US-7194483-$ or US-7246125-$ or US-7076502-$ or US-7283971-$ or US-7139703-$ or US-5708774-$ or US-5901246-$ or US-6745184-$ or US-5136686-$ or US-5568590-$ or US-5581657-$ or US-7711662-$ or US-5930780-$ or US-6182245-$ or US-6711607-$ or US-6782515-$ or US-6918098-$ or US-7395250-$ or US-5806061-$ or US-7167856-$ or US-7206778-$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/18 12:46
S78	680	(binary near4 tree) and (DB database) and (cluster range dimension array indices) and (select$4 "best" find) with (algorithm complexity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:48
S79	30	S71 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 12:48
S80	13	("best" near4 (search complexity heuristic algorithm solution)) and S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 13:17
S81	1	(binary near4 tree) and (DB database) and (cluster range dimension array indices) and S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 13:17

EAST Search History (Prior Art)

S82	26	(US-20030055640-$ or US-20060074824-$ or US-20040049514-$).did. or (US-5832182-$ or US-7194483-$ or US-7246125-$ or US-7076502-$ or US-7283971-$ or US-7139703-$ or US-5708774-$ or US-5901246-$ or US-6745184-$ or US-5136686-$ or US-5568590-$ or US-5581657-$ or US-7711662-$ or US-5930780-$ or US-6182245-$ or US-6711607-$ or US-6782515-$ or US-6918098-$ or US-7395250-$ or US-5806061-$ or US-7167856-$ or US-7206778-$ or US-7444308-$).did.	US-PGPUB; USPAT	OR	OFF	2010/11/18 16:21
S83	0	S82 and (multi-dimensional multidimension$3) and bitmap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:22
S84	435	((query search) same (aggregate wareshouse db database)) and (multi-dimensional multidimension$3) and bitmap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:23
S85	145	S84 and (range and selection) and (algorithm same (improv$4 performance optimiz$4 speed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:25
S86	131	S85 and threshold and ((hit count (return near4 result nuber value))) and ((set tuple range) with (size dimension maximum))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:26
S87	131	S86 and (((set range) with (search index$4 encod$4 evaluat$4 select$4 adopt$4)) and threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:29

EAST Search History (Prior Art)

S88	0	("break-even" same algorithm and (set criteria encod$4 optimal index$4 query)) and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:31
S89	0	"break-even" and algorithm and (set criteria encod$4 optimal index$4 query) and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:31
S90	131	algorithm same (set criteria encod$4 optimal index$4 query) and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:31
S91	0	"break-even" and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:32
S92	77	S90 and @rlad< "20030708"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:33
S93	54	S90 not S92 and (aggregate warehouse database structured) same (search query)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:34
S94	14	S92 not Ginter.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:38

EAST Search History (Prior Art)

S95	14	bitmap and indexing and query and break-even	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/18 16:51
S96	17	break-even and query and B-tree	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/19 17:15

EAST Search History (Interference)

		< This search history is empty>				